APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Observations on Drastically Quenched Iron-Carbon Metls, by G. Falkenhagen and W. Hofmann.

GERMAN, Archiv Fur Das Eisenhuttenwesen, Vol 23, 1952, No 1-2, pp 73-74.

Brutcher Tech Tr 2870

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Metallurgy of Iron, Manganese and Phosphorus Reactions in Basic Steelmaking, by Erich Witten, 19 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIII, No 3/4, 1952, pp 83-93.

SIA 60-18632

Sci

Apr 61

146, 166

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Spectroanalysis of Refractories by G. Hartleif and H. Kornfeld.

GERMAN, Archiv Fur Das Eisenhuttenwesen, Vol 23, 1952, No 3-4, pp 103-105.

Brutcher Tech Tr No 2393

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Rapid Spectro-Analysis of Metallurgical Slags, by Gerhard Hartleif, Heinz Kornfeld, 12 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIII, No 3/4, 1952, pp 107-111.

SLA 60-18287

Sci

Apr 61

Brutcher Tech Tr No 2179
146,109

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Effect of Basic Oxides Upon the Desulfurization in the Blast Furnace, Part I, by B. Weilandt, H. Maetz, W. Oelsen.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIII, No 5-6, 1952, pp 153-166.

Brutcher Trans No 2950

Scientific - Metallurgy, Chemistry, iron ores, oxides, blast furnace, metasilicates

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Effects of Basic Oxides Upon the Desulfurization in the Blast Furnace, Part II, by B. Weilandt, H. Maetz, W. Oelsen. 37pp.

Full translation.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIII, No 5-6, 1952, pp 168-172.

Brutcher Tr No 2951
SLA 63-16833

EEur - Germany

Scientific - Sulfur, blast furnace, oxides

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Deformation Conditions in Hot Deep-Drawing, by D. Lenz

Full translation.

GERMAN, per, Arch Eisenhuttenw, Vol XXIII, No 5/6, May/Jun 1952, pp 173-181.

TPA3/TIB Tr No T-4078

Scientific - Engineering
Index Aeronautics
Jun 53 CTS/DEX

23/4

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

[redacted]

Measuring the Instantaneous Values of Induction and Field Strength and the Magnetization Losses of Electrical Sheet, by W. Krug. UNCL

GERMAN, per, Arch Eisenhuttenwesen, Vol XXIII, No 5/6, 1952, pp 207-215.

British Iron and Steel Inst
(no number given)

PB 229

Sci - Min/Met; Phys
Sep 59

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Effect of Powder Particle Size Upon Behavior of Sintered Iron in Nitriding, by W. Koster, J. Raffelsieper

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIII, No 5-6, 1952, pp 225-228.

Brutcher Tr 3093

8519

Scientific - Minerals/Metals
CTS/DEX Price $6.40

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Incubation Time of Austenite Transformation With Different Types of Cooling, by F. Wever, O. Krisement

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIII, No 5-6, 1952, pp 229-237.

Brutcher Tr 3039

Scientific - Minerals/Metals
CTS/DEX

7844

Price $12.60

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Friction Under Roller Pressure at Different Modulus of Elasticity, by Alfred Schafer. UNCLASSIFIED

GERMAN, per, Archiv fur das Eisenhuettenwesen, Vol XXIII, No 7/8, Jul/Aug 1952, pp 253-256.

Navy Tr 982/BuShips 552

11,928

Scientific - Engineering

(U.T.S./DEV

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Embrittlement of Austenitic Chrome-Nickel Steels at High Temperatures. Part I., by G. Koch

g.d.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIII, No 7-8, 1953, pp 257-263.

Bratcher Tr 3176

Scientific - Minerals/Metals
CTS/DEX Price $9.75

8521

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Embrittlement of Austenitic Chrome-Nickel Steels at High Temperatures. Part II, by G. Hoch

GERMAN, per, Archiv f. d. Eisenhuttenwesen, Vol XXIII, No 7-8, 1952, pp 263-272.

Brutcher Tr 3177

Scientific - Minerals/Metals
CTS/DEX
Price $9.40

9294

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Embrittlement of Austenitic Chrome-Nickel Steels at High Temperatures, by G. Hoch, part III,

GERMAN, Archiv f. d. Eisenhuttenwesen, Vol XXIII, No 7-8, 1952, pp 272-276,

Brutcher Tr 3178

SLA-57-263

10455

Sci - Min/Metals

CTS/DEK Price $7.90

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Influence of Structure of P hin Carbon and Alloy Steels Upon the Spark Stream in Spark Testing, by J. Hunger, O. Werner

GERMAN, per, Archiv f. d. Eisenhuttenwesen, Vol XXIII, No 7-8, 1952, pp 277-286.

Brutcher Tr 3198

Scientific - Minerals/Metals
CTS/DEX Price $13.75

9291

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Determination of the Residual Stresses on Finished Work Pieces, by H. Bühler, 10 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIII, No 7/8, 1952, pp 293-297.

S. L. A.

Scientific - Engineering CIS 68/May 55

23,638

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Magnetizing Roasting of Low-Grade Iron Ores, by H. Hendricks, G. Scheibe

GERMAN, per, Archiv f. d. Eisenhuttenwesen, Vol XXIII, No 9-10, 1952, pp 321-324.

Brutcher Tr 3212

Scientific - Minerals/Metals
CTS/DEX Price $6.60

9282

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Trial Production of Low-Nitrogen Steels in Basic-Lined Baby Converter, by K. G. Speith, H. Bucken

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIII, No 9-10, 1952, pp 325-333.

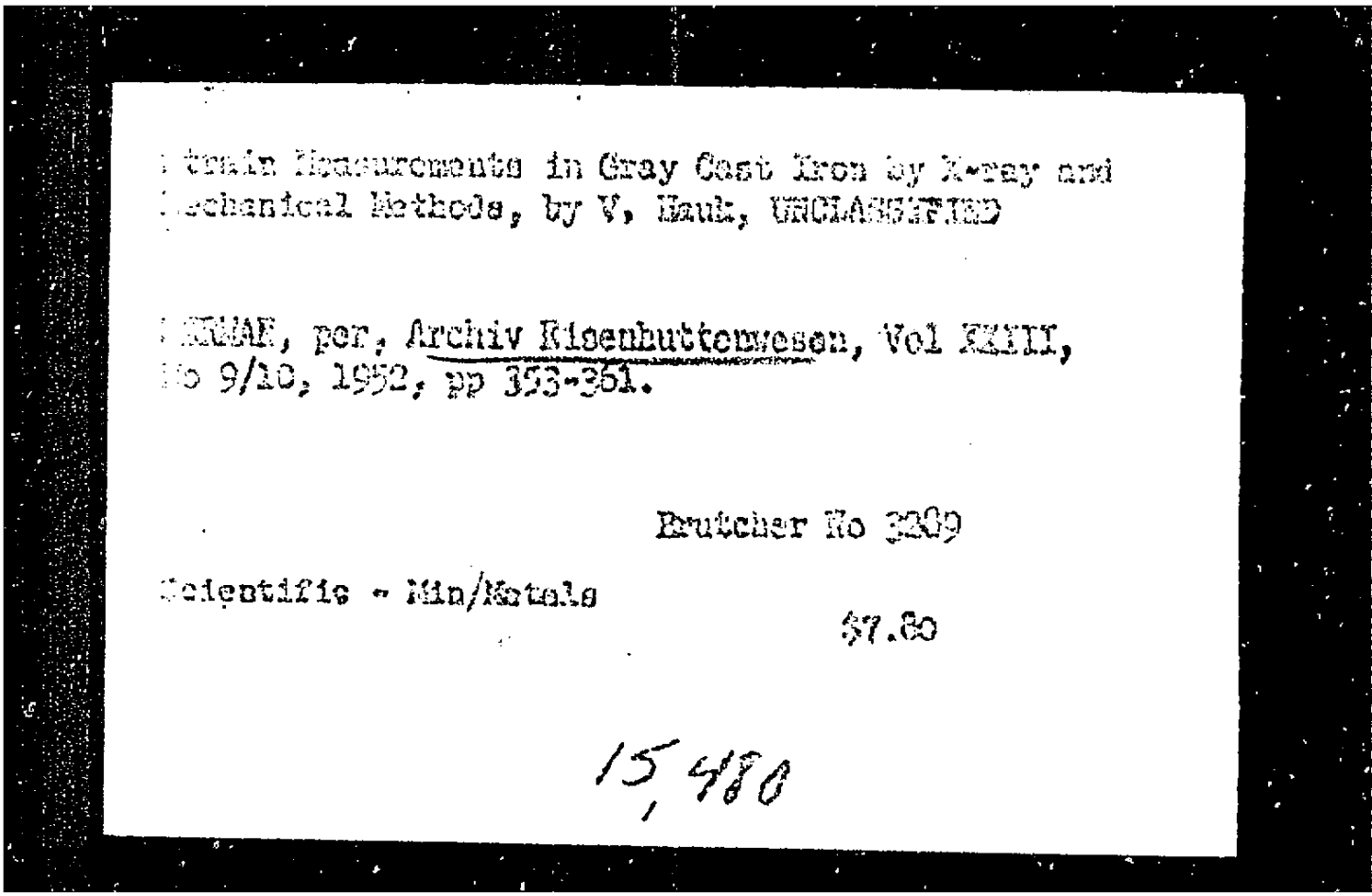
Brutcher Tr 2997

Scientific - Minerals/Metals
CTS/DZK Price $9.60

8528

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Strain Measurements in Gray Cast Iron by X-ray and Mechanical Methods, by V. Hauk, UNCLASSIFIED

KHAK, per, Archiv Eisenhuttenwesen, Vol XXIII, No 9/10, 1952, pp 353-361.

Brutcher No 3289

Scientific - Min/Metals

$7.50

15,480

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Surface Impregnation of Plain Carbon Steel with Tungsten or Molybdenum from Salt Baths, by E. Fitzer.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIII, No 9-10, 1952, pp 369-375.

Brutcher Trans No 2975

Scientific - Metallurgy, tungsten, modybdenum, steel

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Carburizing, Nitriding, and Siliconizing of Tungstenized and Molybdenized Cases on Iron and Steel, by E. Fitzer.

Full translation.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIII, No 9-10, 1952, pp 377-382.

Brutcher Tr No 2982

EEur - Germany

Scientific - Electrolytic, iron, steel

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Treatment of Liquid Open-Hearth Steel With Solid Electric Furnace Slag, and the Metallurgical Processes During Tapping, by Heinz Siegel, 15 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIII, No 11/12, 1952, pp 417-425.

SIA 60-18288

Sci

Apr 61

146,158

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Electromagnetic Alternating-Field Technique for Nondestructive Testing of Ferrous Metals, by H. Goebbels.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIII, No 11-12, 1952, pp 443-448.

Brutcher Tr 3139

Scientific - Minerals/Metals

Price $8.80 Nov 53 CIS 7270

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Crystallographic Relationships in the Transformation of Iron, by H. Neerfeld. UNCLASSIFIED.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIII, Nos 11, 12, 1952, pp 471-473.

Brutcher Tr No 3341

Metals
Scientific - Min/~~Metlen~~

17,368

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Treatment of Pig Iron and Steel With Slags as a Means of Improving the Quality of the Steel, by Eduard Senfter, 23 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIV, No 1/2, 1953, pp 1-10.

SLA 60-18633

Sci

Apr 61

146, 115

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

J. Kaiser

Findings and conclusions from the measurement of sounds in the tensile stressing of metallic materials. (Ergebnisse und Erkenntnisse aus Messungen von Geräuschen bei der Zugbeanspruchung metallischer Werkstoffe.) per, Archiv fur das Hüttenwesen, Vol 24, Jan/Feb 1953, pp 43-45
Springfield Trans 254

available from CESB

$LA 60-19395 12 pp

July 72

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Ultrasonic Testing of Steel Rolls and Steel Cylinders, by H. J. Seemann, W. Bentz

ger.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIV, No 1-2, 1953, pp 47-52.

Brutcher Tr 3118

Scientific - Minerals/Metals
CTS/DEX Price $5.60

7897

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Flow Processes in Branch Pipes as a Basis for Coke-Oven Heating, by P. Veit. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Vol XXIV, No 3/4, 1953, pp 93-103.

British Iron and Steel Inst
(no number given)

Sci - Phys
Sep 59

98,420

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Formation and Properties of Delta Iron (Ferrite) and Sigma Phase in Austenitic Chromium-Nickel Steels. Part I., by H. Buchholtz, H. Krachter, F. Kraemer.

GERMAN, per, Archiv fur Eisenhuttenwesen, Vol XXIV, No 3-4, 1953, pp 113-119.

Boutcher Tr 3150

Scientific - Minerals/Metals

Nov 53 CIS 7280

Price $9.80

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Formation and Properties of Delta Iron (Ferrite) and Sigma Phase in Austenitic Chromium-Nickel Steels, Part II, by H. Buchholtz, H. Krachter, F. Kraemer

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIV, No 3-4, 1953, pp 119-125.

Brutcher Tr 3151

Scientific - Minerals/Metals
CTS/DEX Price $9.85 7853

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

On the Irreversibility of Iron-Nickel Alloys, by E. Scheil,

GERMAN, per, Archiv Eisenhutten, Vol XXIV, Nos 3/4, 1953, pp 153-160.

Brutcher Tr No 3349
$9.80

Scientific - Min/Metlgy

Feb 55 CTS

21,080

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Nucleation in Transformations in the Irreversible Iron-Nickel Alloys, by G. Masing, O. Nickel.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIV, Nos 3, 4, 1953, pp 143-151.

Brutcher Tr
No 3348

Scientific - Min/Metals Jan 55 CTS/DEK

20,898

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Theory of Scaling Processes on Metallic Alloys, by Hauffe, Karl.

GERMAN, per, Arch. Eisenhuttenw., Vol XXIV, No 3/4, 1953, pp 161-171.

AEC 1574

Assoc Tech Sv
66G7G

33,047

Sci - Engineering, Electricity, Minerals/Metals.

($ 17.15)

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

GERMAN, PER. Arch Eisenhuttenwesen, Vol xxvi

The Diffusion Grain Growth of Iron Alloys,
by F. Erdmann-Jesnitzer.
GERMAN, per. Arch Eisenh, No 24, 1953, pp 215-228.
*NBS TT 70-57485

Sci-Mat
Aug 70

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Ultrasonic Inspection by the Through-Transmission and Pulse-Reflection Methods, by H. Krainer, E. Krainer.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIV, Nos 5, 6, 1953, pp 229-236.

Brutcher Tr No 3378

14,712

Min/Metals
Scientific - [redacted]

Dec 54 CTS/DEK

$8.60

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Effect of Surface Treatment Upon Sintering Characteristics of Metal Powders, by G. Naeser, H. Burmeister, UNCLASSIFIED

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIV, No 5/6, pp 251-255.

Brutcher 3273

Scientifici - Min/Metals $7.00

15,469

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Corrosion-Resistant Cemented Carbides (Part I of Paper entitled "Demented Carbides With High Resistance to Corrosion and Scaling)", by J. Hinnuber, O. Rudiger.

GERMAN, ~~FX~~, Archiv Eisenhuttenwesen, Vol XXIV, No 5-6 1953, pp 267-269.

Brutcher Trans No 3135

Scientific - Minerals/Metals

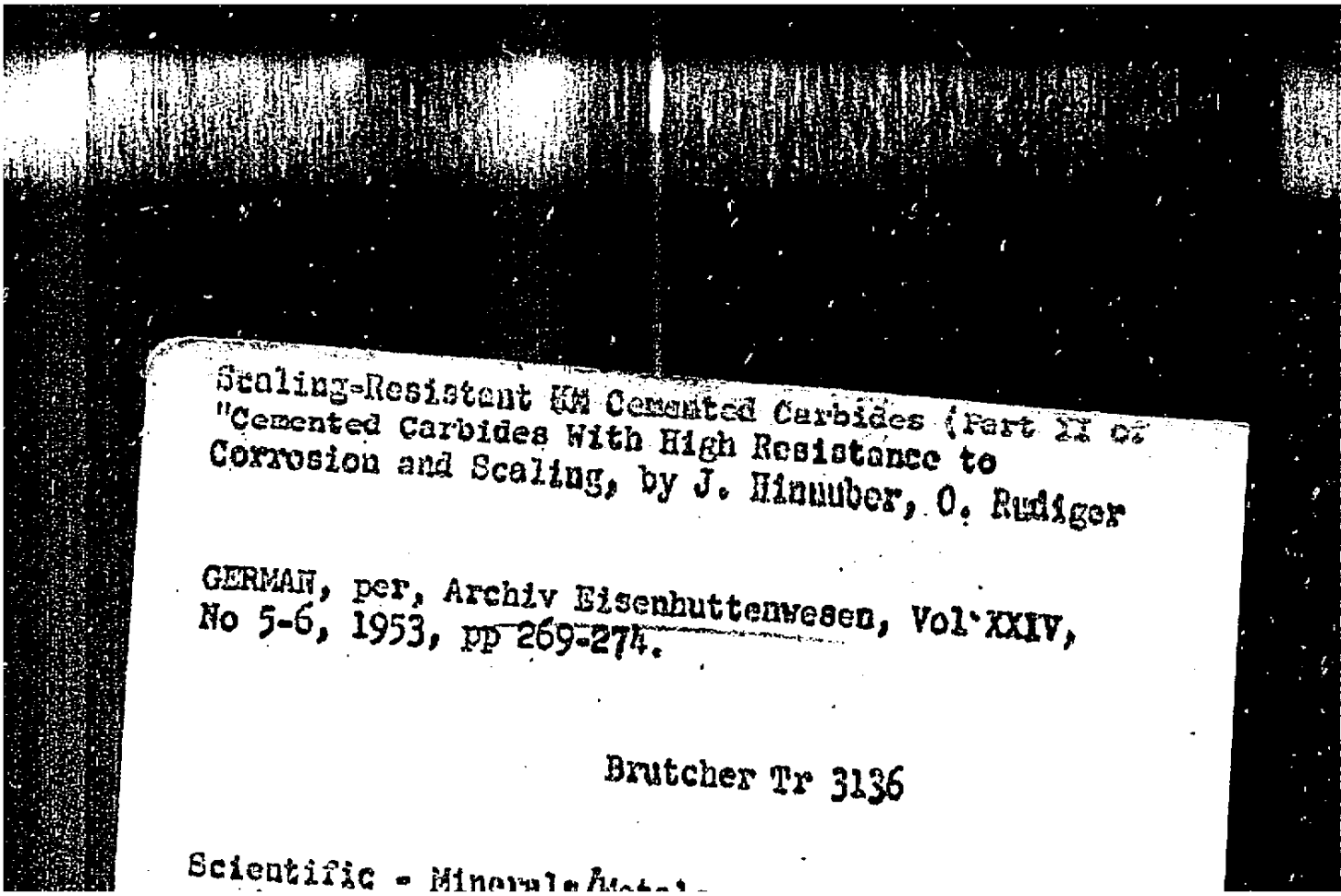
Sep 53 CTS

$3.90 price

4853

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Scaling-Resistant WM Cemented Carbides (Part II of "Cemented Carbides With High Resistance to Corrosion and Scaling, by J. Hinnuber, O. Rudiger

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIV, No 5-6, 1953, pp 269-274.

Brutcher Tr 3136

Scientific - Mineral

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Some Observations Regarding the Creep Behavior of Zirconium-Alloyed Steels at 500° C, by W. A. Fischer

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIV, No 9-10, 1953, pp 397-400.

Brutcher Tr 3328

Scientific - Minerals/Metals
Jul CTS/DEX

15,912

Price $5.40

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Ultrasonic Testing of Intricately Shaped Parts,
by E. Martin, K. Werner,

GERMAN, per, Archiv Eisenhutten, Vol XXIV, No 9-10, 1953, pp 411-422.

Brutcher Tr No 3291

13,733

Scientitic - Min/Metals, Engineering

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Influence of Deformations at Low Temperatures on the Properties of Austenitic Stainless Steels, by K. Bungardt, R. Oppenheim, R. Scherer,

GERMAN, per, Arch Eisenhuttenw, Vol XXIV, No 9-10, 1953, pp 423-430.

20,867

TPA3/TIB
T 4363

Scientific - Min/Metals Feb 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

On the Cooling Curve of Spheroidal Graphite Cast Iron, by A. Wittmoser. UNCLASSIFIED.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIV, Nos 9, 10, 1953, pp 431-434.

Brutcher Tr No 3358

17,369

Scientific - Min/Metals

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Contributions to the Analysis of x Structural Components in Pig and Cast Iron, by W. Koch, J. Bruch,

GERMAN, A per, Archiv Rx Eisenhuttenw, Vol XXIV, x No 11/12, 1953, pp 457-x464.

CRL/T.934

Sci
Dec 62

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Spectrographic Determination of Surface Carburization and Decarburization, by K. Modtke. UNCL

GERMAN, per, Arch Eisenhuttenwesen, Nov-Dec 1953, 1953, pp 465-467.

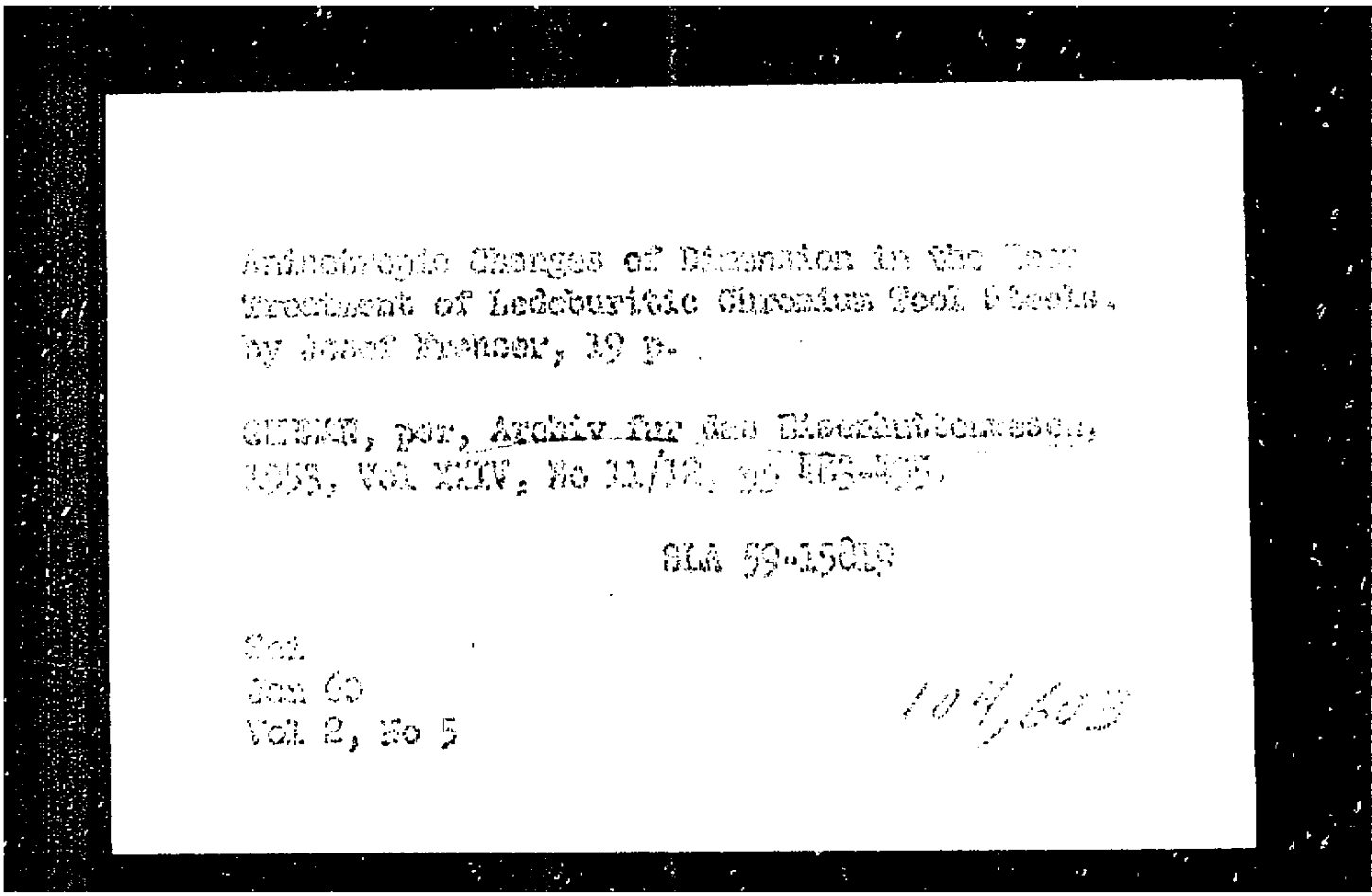
British Iron and Steel Ind
(no number given)

Sci - Phys
Sep 59

98,209

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Anisotropic Changes of Dimension in the Heat Treatment of Ledeburitic Chromium Cold Steels, by Josef Pfender, 39 p.

GIESS, por, Archiv für das Eisenhüttenwesen, 1953, Vol XXIV, No 11/12, pp 683-695.

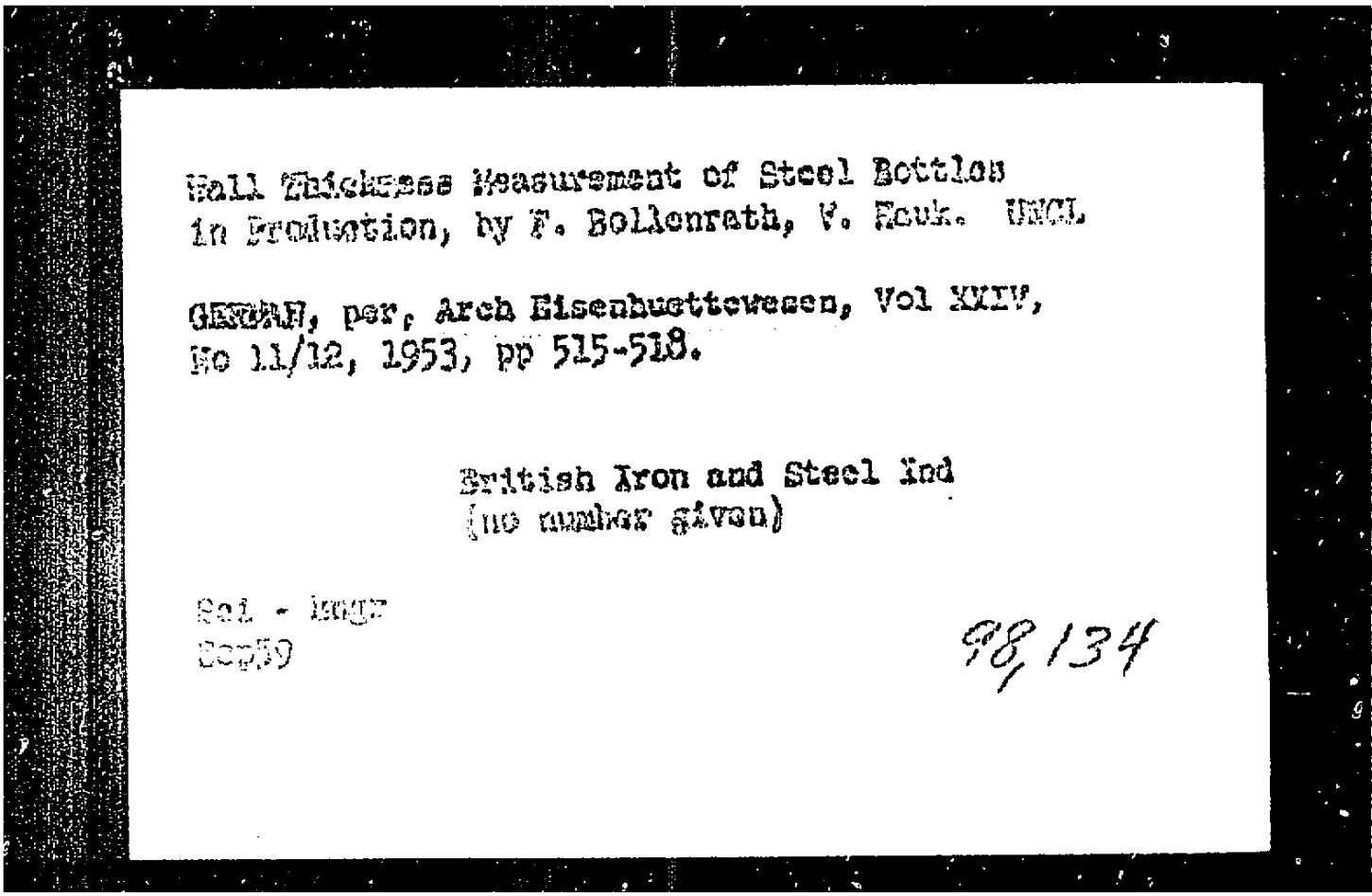
DLA 59-15019

Met
Jan 60
Vol 2, No 5

10 Feb 60

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Wall Thickness Measurement of Steel Bottles
in Production, by F. Bollenrath, V. Fouk. UNCL

GERMAN, per. Arch Eisenhuettenwesen, Vol XXIV,
No 11/12, 1953, pp 515-518.

British Iron and Steel Ind
(no number given)

Sal - Engr
Comp

98,134

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Metallographic Examination of Nonmetallic Inclusions in Steel by Means of a New Thin-Section Method, by Erich Folkhard, 16 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XIV, No 11/12, 1953, pp 519-522.

SLA 59-10099

Sci Min/Met
Jun 59
OTS I, 10

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Permanent Magnets of ~~Mix~~ Barium Oxide and Ferric Oxide,
by H. Fahlenbrach, W. Heister,

~~Germ~~, Mar, Archiv f. D. Eisenhuttenwesen, Vol XXIV,
No 11-12, 1953, PP 523-528

Brutcher Tr 3229

10,448

~~Ref~~ - Min/Metals
~~Proj~~/DMX

Price ~~DM~~ 9.90

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Process of Oxidation of Titanium Carbide - Cobalt Compositions, W. Kinna; O. Rüdiger

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXIV, No 11-12, 1953, pp 535-542.

Brutcher Tr 3223

11,396

Scientific - Minerals/Metals
CFS/DEX
Price $13.40

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Metallurgical Behaviour of Chrome Ores,
by D. Hoenes, G. Volkert. UNCLASSIFIED

GERMAN, per, Arch Eisenhuettenwesen, Jan/Feb 1954, pp 1-10.

Iron and Steel Inst Tr 1024
(L7.0.0)

11,749

Sci - Min/Met
Aug 58

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Sampling of Ores and Slags in Iron-making, by Kurt Mohl, 12 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXV, No 1/2, 1954, pp 33-38.

SLA 60-18634

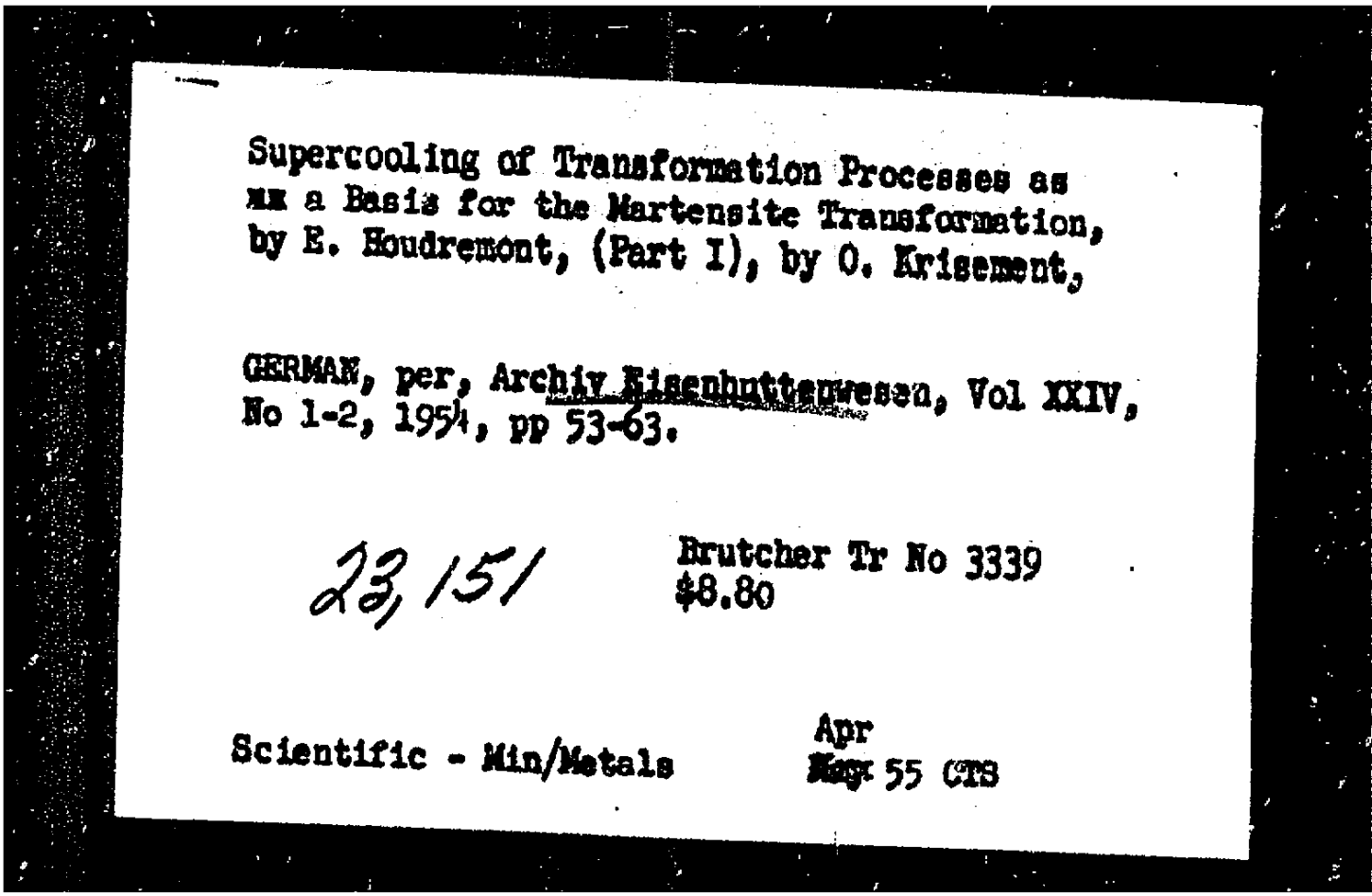
Sci

Apr 61

146,140

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Supercooling of Transformation Processes as a Basis for the Martensite Transformation, by E. Houdremont, (Part I), by O. Krisement,

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIV, No 1-2, 1954, pp 53-63.

23,151 Brutcher Tr No 3339 $8.80

Scientific - Min/Metals Apr 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Supercooling of Transformation Processes as a Basis for the Martensite ~~Umwandlung~~ Transformation, Part II, by E. Houdremont, O. Krisement,

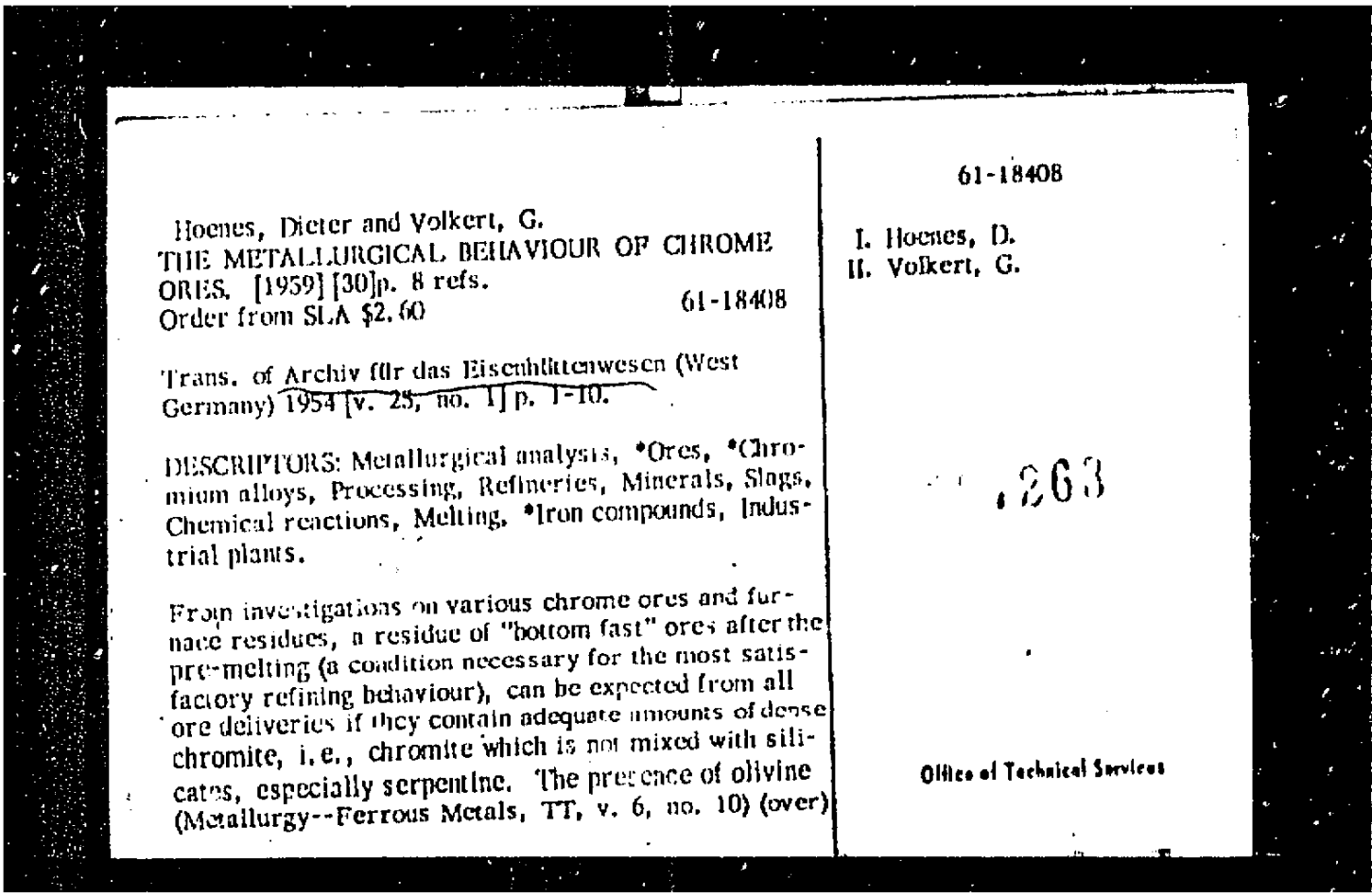
GERMAN, per, Archiv f.d. Eisenhuttenwesen, Vol XXIV, No 1/2, 1954, pp 63-67.

23,613 Brutcher Tr No 3340 $8.20

Scientific - Min/Metals May 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Hoenes, Dieter and Volkert, G.
THE METALLURGICAL BEHAVIOUR OF CHROME ORES. [1959] [30]p. 8 refs.
Order from SLA $2.60 61-18408

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1954 [v. 25, no. 1] p. 1-10.

DESCRIPTORS: Metallurgical analysis, *Ores, *Chromium alloys, Processing, Refineries, Minerals, Slags, Chemical reactions, Melting, *Iron compounds, Industrial plants.

From investigations on various chrome ores and furnace residues, a residue of "bottom fast" ores after the pre-melting (a condition necessary for the most satisfactory refining behaviour), can be expected from all ore deliveries if they contain adequate amounts of dense chromite, i.e., chromite which is not mixed with silicates, especially serpentine. The presence of olivine (Metallurgy--Ferrous Metals, TT, v. 6, no. 10) (over)

61-18408

I. Hoenes, D.
II. Volkert, G.

263

Office of Technical Services

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Nielsen, E. J.
RAPID POLISHING OF METALLOGRAPHIC CAST IRON SPECIMENS. [1962] 13p. 14 refs.
Order from SLA $1.60 62-18950

Trans. of Arch[iv fllr das] Eisenhlttenw[esen] (West Germany) 1954, v. 25, p. 89-92.

DESCRIPTORS: *Cast iron, Metallography, *Electrolytic polishing, Impurities, Graphite.

An alternating polishing method for the polishing of metallurgraphic sections with nonmetallic inclusions which are not affected by the electrolytic process, is described. In this method, electrolytic polishing is followed by mechanical polishing. Thus far, the method has proved particularly suitable for gray cast iron and malleable cast iron with graphite inclusions. The appropriate procedure, particularly for avoiding a super-
(Metallurgy--Ferrous Metals, TT, v. 9, no. 6)

62-18950

I. Nielsen, E. J.

Office of Technical Services

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Electrochemical Processes Taking Place During the Electrolytic Isolation of Structural Components of Steels Using Alternating Current, by W. Koch, et al.

GERMAN, per, Archiv fuer das Eisenhuttenwesen, Vol XXV, No 3, 4, 1954, pp 93-106.

CRL/T. 959

Sci
Jun 63

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

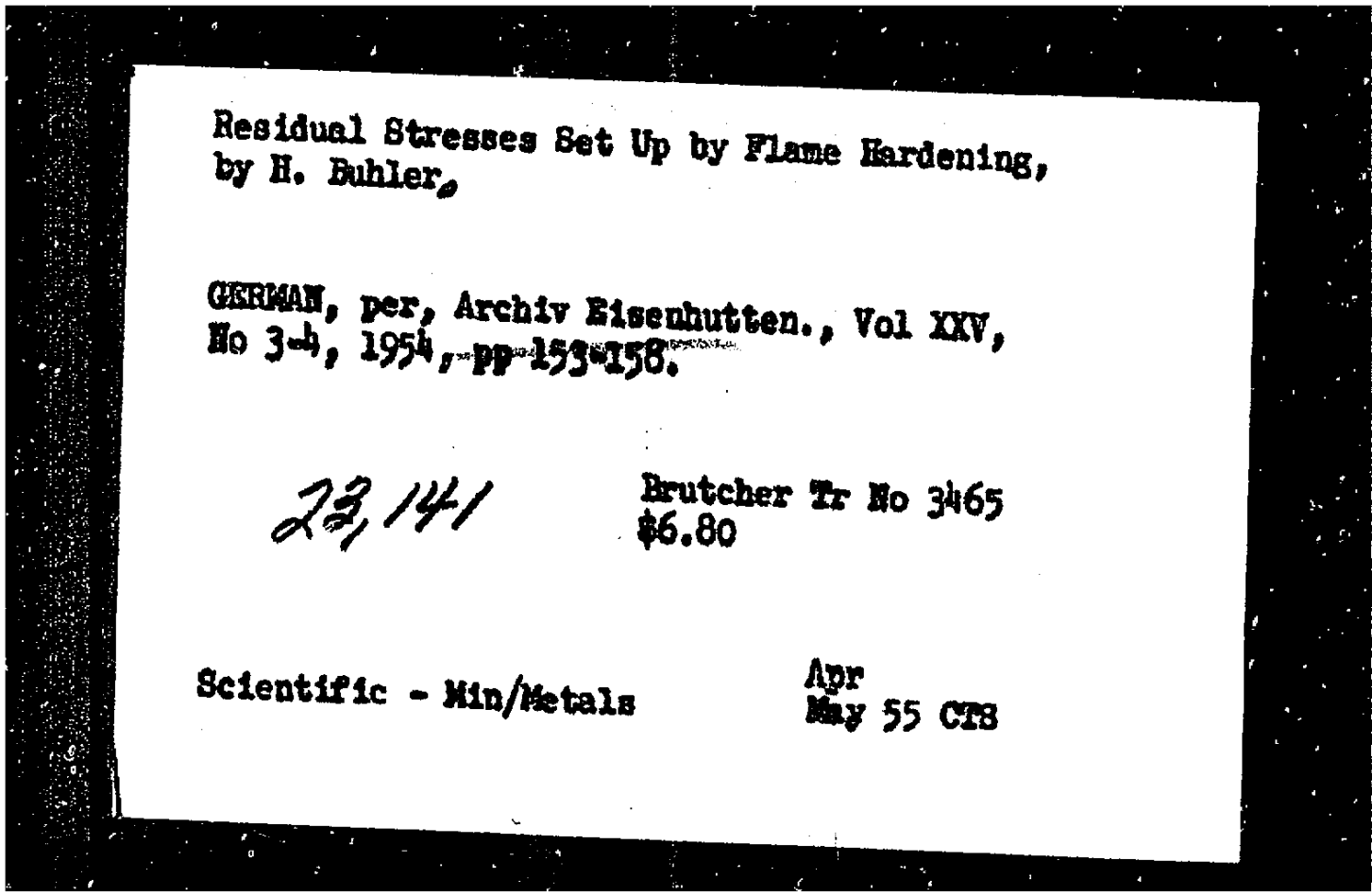
A Contribution to the Testing of Pickling of Additives for Their Effectiveness, by H. Hoff, G. von der Dunk.
GERMAN, per, Arch. Eisenh, Vol 35, Mar/Apr 1954, pp 115-123.
BISI 5154

314,528

Sci - Chemistry
Jan 67

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Residual Stresses Set Up by Flame Hardening,
by H. Buhler,

GERMAN, per, Archiv Eisenhutten., Vol XXV,
No 3-4, 1954, pp 153-158.

23,141 Brutcher Tr No 3465
$6.80

Scientific - Min/Metals Apr
May 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Investigation of Test-Pieces with Known Faults for Characterising the Working Conditions in Ultrasonic Testing, by E. Theis, K. Barteld, 9 pp.

GERMAN, per, Arch Eisenhuttenwerke, Vol XXIII, No 3/4, 1954, pp 159-164.

T.I.L./T 4487

Sci - Minerals/Metals, steel, forging tests, metallurgy,

33,578

May 1956

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Temperature Dependence of the Movement of Hydrogen in Steel, by K. Lucke,
GERMAN, per, Arch Eisenh, No 25, 1954, pp 181-185.
*NBS TT 70-57484

Sci-Mat
Aug 70

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Attack of ~~Mk~~ Iron-Saturated Molten Zinc
on Iron as Affected by an Antimony Content,
by D. ~~Mank~~ Horstmann,

GERMAN, per, Archiv Eisenhutten, Vol XXV,
Nos 5-6, 1954, pp ~~207-213.~~

Brutcher Tr No 3407
$4.80

21,357

Scientific - Min/Metals Feb 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Absorption of Hydrogen by Austenitic Steels Under Cathodic Loading, by F. Eisenkolb, H. Ehrlich.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXV, Nos 3, 4, 1954, pp 187-194.

Brutcher Tr
No 3412

Scientific - Min/Metals Jan 55 CT3/DEK

20,893

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Sampling of Ferro-Alloys and Their Ores, by H. Wirtz,

GERMAN, per, Arch. Eisenhuttenw., Vol ~~XII~~ XXV, 1954, pp 225-230.

SLA 60-18635

Iron and Steel Inst
Tr No 492
OT/1115

21,828

C

Scientific - Min/Metals Mar 55 PTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Intensified Attack of Molten Zinc on Iron at About 930°F, by D. Horntmann.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXV, Nos 5, 6, 1954, pp 215-219.

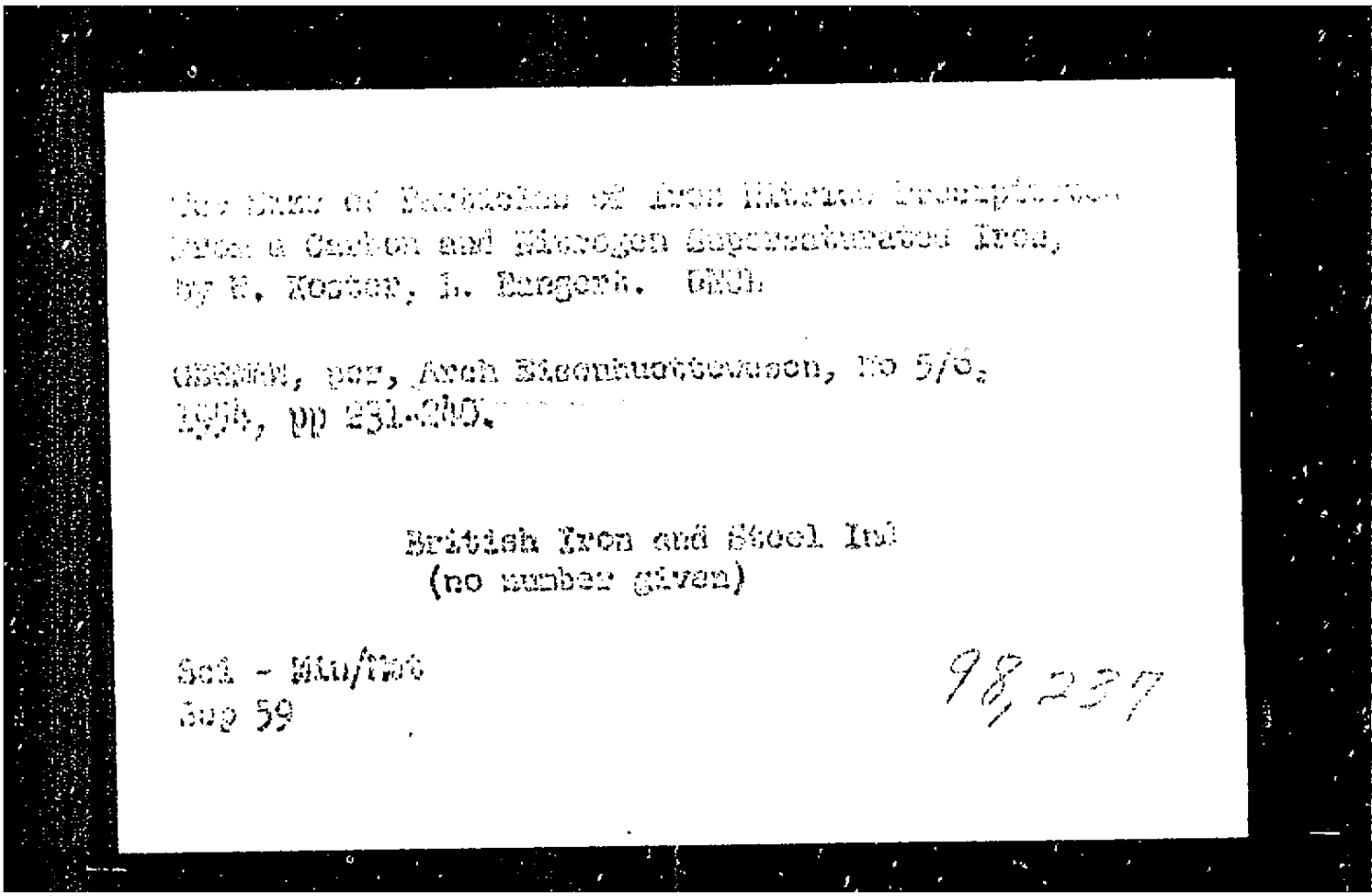
Brutcher Tr
No 3290

Scientific - Min/Metals Jan 55 CTS/DEX

20,899

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



The Role of Particles of Iron Nitride Precipitated from a Carbon and Nitrogen Supersaturated Iron, by K. Kester, L. Rongen. BNU.

(Stahl, per, Arch Eisenhuttenwesen, No 5/6, 1954, pp 231-240.

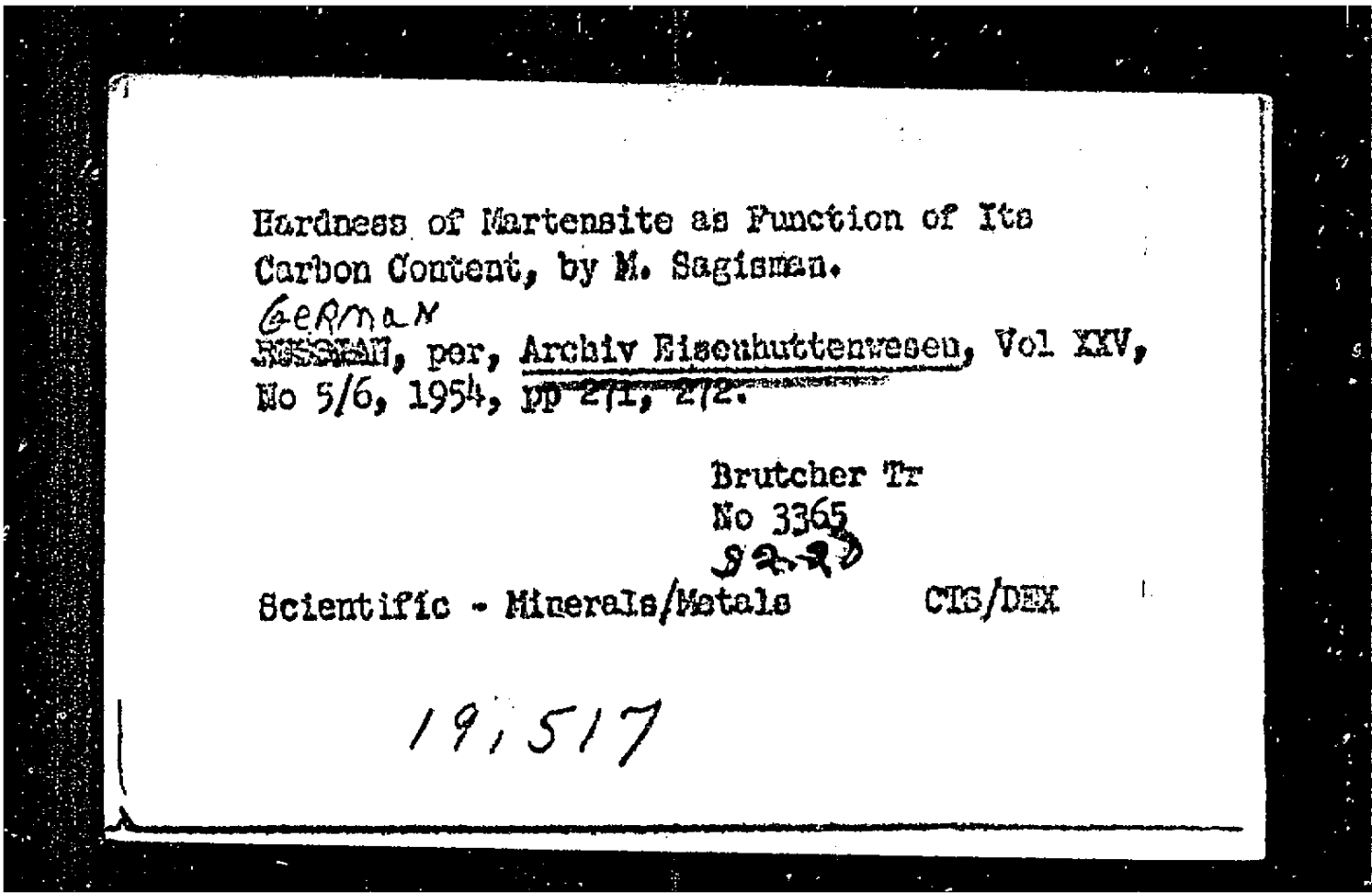
British Iron and Steel Inl
(no number given)

Sol - Min/Met
Aug 59

98237

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Hardness of Martensite as Function of Its Carbon Content, by M. Sagisman.

GERMAN
~~RUSSIAN~~, per, Archiv Eisenhuttenwesen, Vol XXV, No 5/6, 1954, pp ~~271, 272~~.

Brutcher Tr
No 3365
S2.2

Scientific - Minerals/Metals CIS/DEX

19,517

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Structure of Zinc Coatings on the Basis of Electrochemical Dissolutions, by W. Katz.

GERMAN, per, Archiv fur Eisenhuttenwesen, Vol XXV, Jul/Aug 1954, pp 307-314.

BISI 2712

Sci - M/M

Jul 62

203, 435

List No 137

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Rapid Spectrographic Identification of Alloy Steels and Ferrous Metal Alloys, by E. Fitzer. UNCL.

GERMAN, per, Arch Eisenhuettenwesen, Vol XXV, No 7/8, 1954, pp 321-326.

British Iron and Steel Ind
(no number given)

Sci - Phys; Min/Mat
Sep 59

98/107

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Dimensional Changes of Steel on Case Carburizing, by B. Finnern.

e

GERMAN, mo per, Archiv Eisenhuttenwesen, Vol XXV, No 7/8, 1954, pp 345-350.

Henry Brutcher Tr 3817

$7.80

43,894

Sci - Minerals/Metals
Feb 1957 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Braumann and Krachter, H.
NITRIDING OF AUSTENITIC CHROME-NICKEL-MOLYBDENUM STEEL TUBES BY NITROGEN DURING AN INTERNAL PRESSURE TEST AT 700°.
[1962] 8p.
Order from K-H $10.00 K-H 5342

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1954, v. 25, no. 7/8, p. 373-375.

DESCRIPTORS: *Steel, *Austenite, Chromium alloys, Nickel alloys, Molybdenium alloys, *Nitrides, Pressure, Nitrogen, Hardening.

(Metallurgy--Ferrous Metals, TT, v. 8, no. 5)

62-17839

I. Braumann
II. Krachter, H.
III. K-H-5342
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Fahlenbrach, H. and Houdremont, E.
INCREASE IN THE INITIAL PERMEABILITY OF LOW-ALLOYED IRON-SILICON- AND IRON-ALUMINIUM ALLOYS BY OXIDIZING ANNEALING AT LOW TEMPERATURES. [1962] 7p. (figs. tables refs. omitted).
Order from SLA $1.10 62-16993

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1954 [v. 25, no. 7/8] p. 377-381 (V[erein] D[eutscher] E[isenhüttenleute (West Germany). Berichte]-907).

DESCRIPTORS: *Iron alloys, *Silicon alloys, *Aluminum alloys, Permeability, Heat treatment, Annealing, Temperature.

Relationship of the increase in the initial permeability of iron-silicon alloys with 2.5 to 4.5% Si and iron-
(Metallurgy, TT, v. 8, no. 9) (over)

62-16993

1. Title: Decarburization
I. Fahlenbrach, H.
II. Houdremont, E.
III. Verein ... Berichte-907

Office of Technical Services

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Magnetic and Electromagnetic Sorting of Semi-finished Steel and of Mass-Produced Parts, by F. Forster,

GERMAN, per, Archiv f.d. Eisenhuttenwesen, Vol XXV, No 7/8, 1954, pp 383-392.

23,168

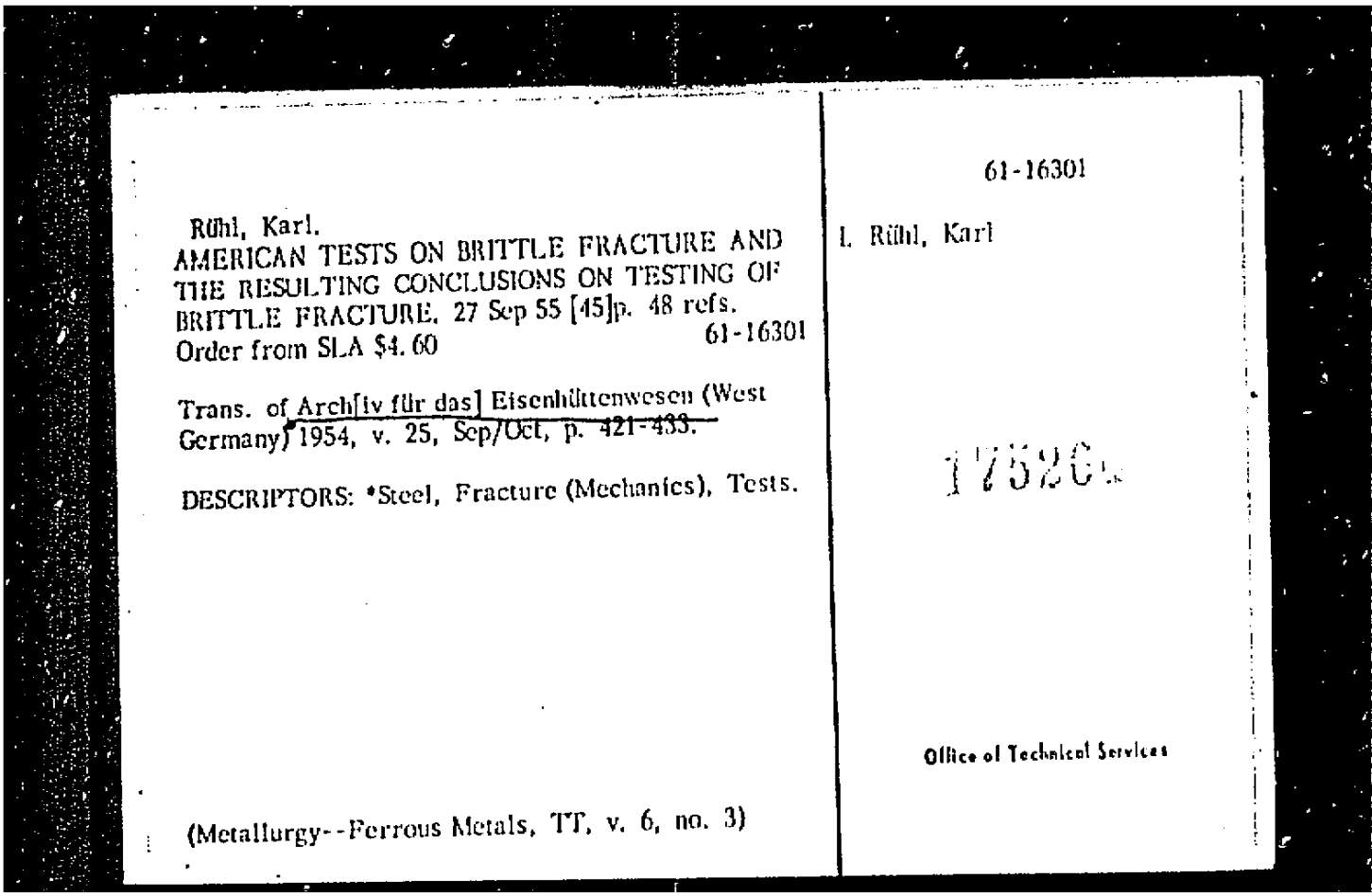
Brutbber Tr No 3467
$9.80

Scientific - Min/Metals

Apr
May 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Rühl, Karl.
AMERICAN TESTS ON BRITTLE FRACTURE AND THE RESULTING CONCLUSIONS ON TESTING OF BRITTLE FRACTURE. 27 Sep 55 [45]p. 48 refs.
Order from SLA $4.60 61-16301

Trans. of Arch[iv für das] Eisenhüttenwesen (West Germany) 1954, v. 25, Sep/Oct, p. 421-433.

DESCRIPTORS: *Steel, Fracture (Mechanics), Tests.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

61-16301

I. Rühl, Karl

17526

Office of Technical Services

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Metallurgical Considerations of the Problem of Cleavage Fracture, by E. Houdremont, H. J. Wiester. USCL

GERMAN, per, Arch Eisenhuttenwesen, Vol XXV, Sep/Oct 1954, pp 435-446.

British Iron and Steel Ind
(no number given)

Sa1 - Min/Met
Sep 59

100,267

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Transformation Limits in the Iron-Nickel System Below 300°C, by F. Lihl. UKCL

GERMAN, pse, Arch Eisenhuettenwesen, Vol XXV, Sep/Oct 1954, pp 475-478.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,211

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Process of Formation of Sigma Phase in 18% Cr, 10% Ni, 2% Mo Steel, by F. Braumann, H. Krachter.

GERMAN, per, Archiv f.d. Eisenhuttenwesen, Vol XXV, Nos 9-10, 1954, pp 479-488.

23,156

Brutcher Tr No 3447
$9.80

Scientific - Min/Metals

Apr 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Oxidation of Titanium from Liquid Steel into Slag in Basic and Acid High-Frequency Furnaces under Various Slags, by P. Bardenheuer, W. A. Fischer, 5600 words.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXV, No 11/12, 1954, pp 515-521.

26723

Brutcher No 3462
$11.20

Scientific - Minerals/metals

Sep 55

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Tolerances and Errors Incurred With Temperature Measurement by Thermocouples. Directions for the Practical Applications of Thermocouples and Protective Pipes, by K. Guthmann.

GERMAN, per, Arch Eisenhuttenw, Vol XXV, No 11/12, 1954, pp 535-561.

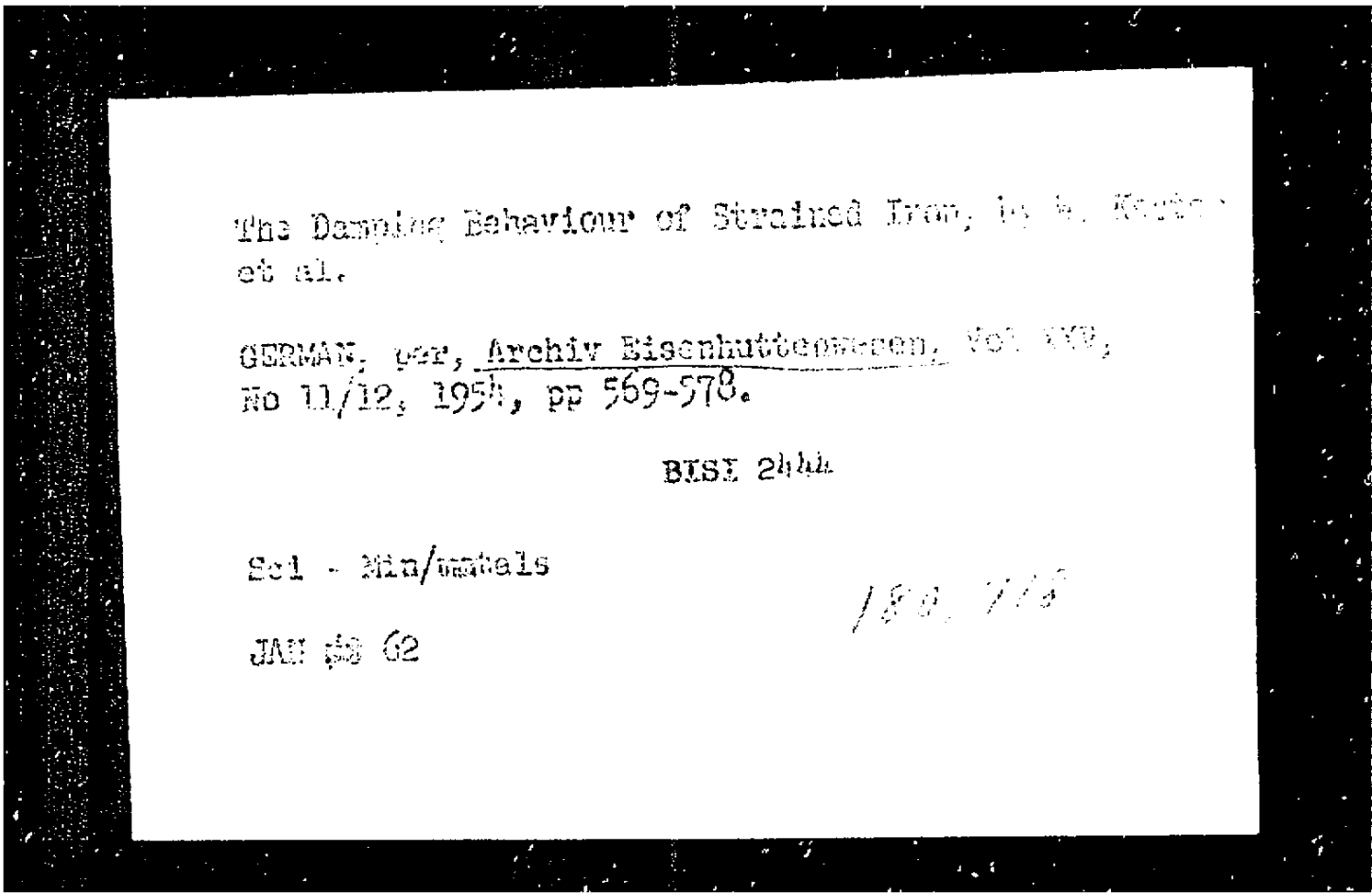
D.S.I.R./27071

46,684

Sci - Physics
Apr 57 CTS/Cox

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



The Damping Behaviour of Strained Iron, by H. Kester et al.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXV, No 11/12, 1954, pp 569-578.

BISI 24hh

Sol - Min/umbels

JAN 63 62

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Effect of Cyclic Stressing Upon Diffusion in Plain Carbon Steels, by H. Schenck, E. Schmidtmann,

GERMAN, per, Archiv Eisenhutten, Vol XXV, No 11/12, 1954, pp 579-583.

Brutcher Tr 3500
$4.85

25,976

Scientific - Min/Metals

Aug 55 CIS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Aging Processes in Plain Carbon Steels and the Effect of Cyclic Stressing on Them, by H. Schenck, E. Schmidtmann.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXV, No 11/12, 1954, pp 583-588.

Brutcher Tran 3579
$6.60

Sci - Minerals/Metals

21,513

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Hot-Blast Cupola in the Steel Plant, by Th. Kootz, H. Rellermeyer.

GERMAN, per, Archiv Eisenhutten, Vol XXVI, No 1, 1955, pp 1-8.

25,277 Brutcher Tr 3513 $8.80

Scientific - Min/Metals Jul 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Thermodynamic Analysis of ~~Two~~ Two-Component and Multi-Component Systems; Part I- Determination of Activities of Components in Homogeneous and Heterogeneous Systems from Calorimetric Measurements Alone, by I. W. Oelsen et al.

GERMAN, per, Archiv Eisenhutten, Vol XXVI, No 1, 1955, pp 19-25.

25,279

Brutcher Tr 3521
$8.40

Scientific - Min/Metals

Jul 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Thermodynamic Analysis of Two-Component and Multi-Component Systems (Determination of Activitites of Components in Homogeneous and Heterogeneous Systems From Calorimetric Measurements Alone) Part II., by W. Oelsen, et al.

GERMAN, per, Archiv Eisenhutten, Vol XXVI, No 1, 1955, pp 25-35.

26,090

Brutcher Tr 3522
$13.00

Scientific - Chemistry, Min/Metals Aug 55 CTS

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Thermodynamic Analysis of Two-Component and Multi-component Systems (Determination of Activities of Components in Homogeneous and Heterogeneous Systems from Calorimetric Measurements Alone) Pt Part III, by W. Oelsen and Others, 3900 words.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXVI, No 1, 1955, pp 35-42.

26,716

Brutcher No 3523
$7.80

Scientific - Minerals/metals

Sep 55

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Measurement of the Electromotive Forces at 1500°C and X-Ray Studies of the System Ferrous-Oxide/Aluminium-Oxide, by
W. A. Fischer, A. Hoffmann.
GERMAN, per. Arch Eisenh., Vol 26, Jan 1955, pp 43-50.
BISI 6594

Sci/Mat
Dec 68

354,421

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Time Law of the Precipitation of New Phases in Solid Solutions, by B. Ilschner.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXVI, No 1, 1955, pp 59-62
BISI 3611

Sci - M/M
May 64

258,895

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Wepner, W.
PRESENT STATE OF RESEARCH ON THE AGING OF MILD STEELS. [1961] [49]p. (refs. 26 figs. 1 table omitted)
Order from SLA $4.60 61-20481

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1955, v. 26, no. 2, p. 71-98.

DESCRIPTORS: *Steel, Aging, Tensile properties, *Metallurgical analysis.

(Metallurgy--Ferrous Metals, TT, v. 7, no. 4)

61-20481

1. Wepner, W.

Office of Technical Services

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

TT-65-12388 Field 11F

Hofmann, W.; Schuhmacher, G.
THE ORIENTATION RELATIONSHIP BETWEEN AUSTENITE, THE INTERMEDIATE STAGE STRUCTURE AND MARTENSITE (Orentierungszusammenhaenge Zwischen Austenit, Zwischenstufengefuege und Martensit). 23p, 26refs.
Order from SLA: $2.60 as TT-65-12388

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v26 n2 p99-104 1955.

I. Hofmann, W.
II. Schuhmacher, G.

MR 632

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Activating Potentials of Fe-C Alloys and Their Relation to the Chemical Resistance in Sulphuric Acids, by H. J. Rocha, G. Lennartz. UNCL.

GERMAN, per, Arch Eisenhuettenwesen, Feb 1955, pp 117-123.

British Iron and Steel Ind
(no number given)

Sci - Chem
Sep 59

HTS-62M 40G

98,352

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Exact Rapid Microanalysis of Gases, by H. Feichtinger.

GERMAN, per. Archiv Eisenhuttenwesen, Vol XXVI, No 3, 1955, pp 127-30.

Brutcher Tr 4197
$4.90

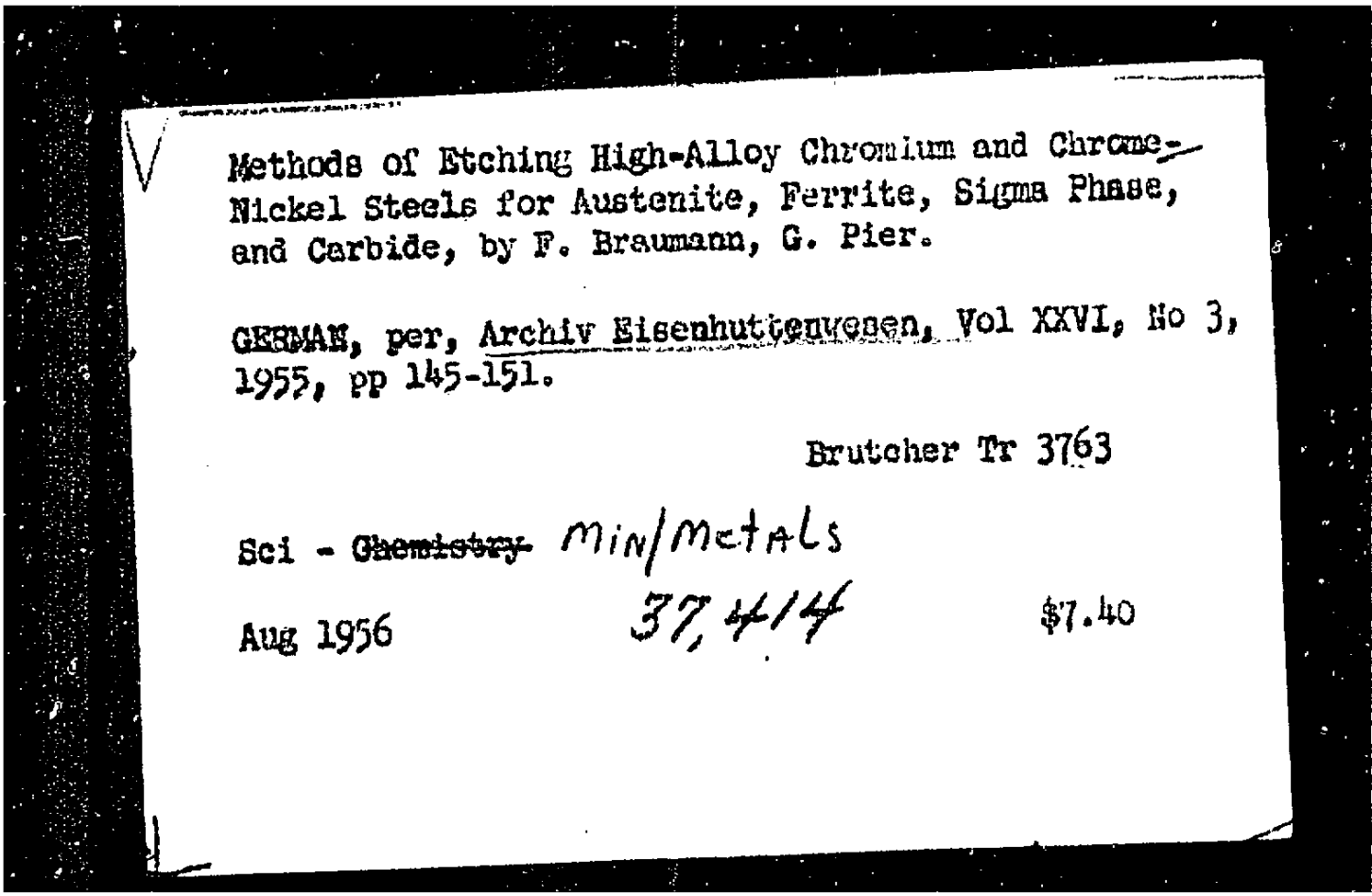
Sci - Chem

Aug 58

68,210

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Methods of Etching High-Alloy Chromium and Chrome-Nickel Steels for Austenite, Ferrite, Sigma Phase, and Carbide, by F. Braumann, G. Pier.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXVI, No 3, 1955, pp 145-151.

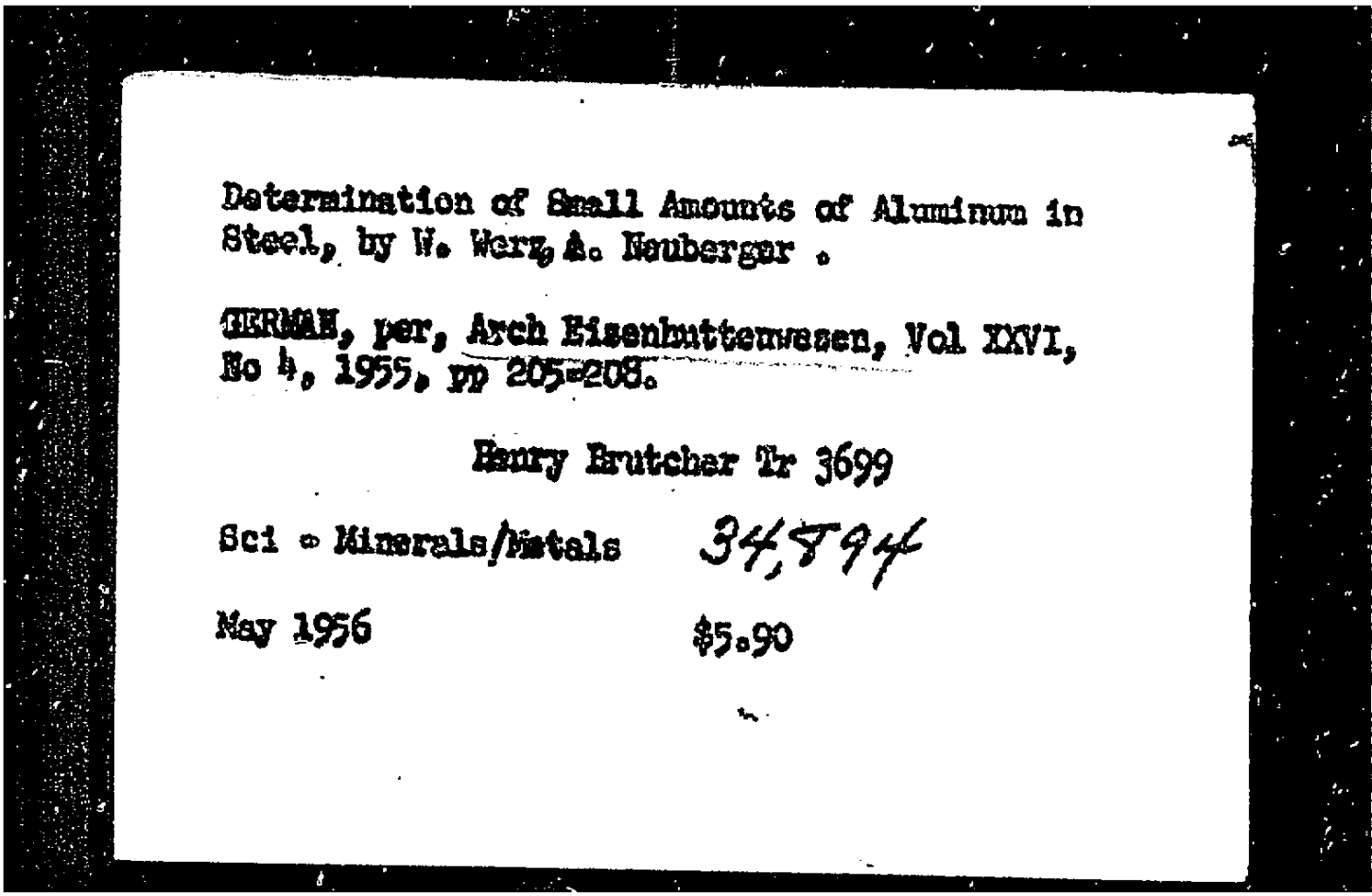
Brutcher Tr 3763

Sci - ~~Chemistry~~ Min/Metals

Aug 1956 37,414 $7.40

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9



Determination of Small Amounts of Aluminum in Steel, by W. Werz, A. Neuberger .

GERMAN, per, Arch Eisenhuttenwesen, Vol XXVI, No 4, 1955, pp 205-208.

Henry Brutcher Tr 3699

Sci - Minerals/Metals 34,894

May 1956 $5.90

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Indication of the Tendencyto Brittle Fracture of Steels by Measurement of Yield Stress, Tearing Stress and Contraction on Fracture, on Tri-Axially Stressed Specimens, by Kochendörfer, Rohrbach.
UNCLASSIFIED

GERMAN, per, Arch Eisenhüttenwesen, Vol XXVI, Apr 1955, pp 213-227.

Iron and Steel Inst Tr 800
(L9.0.0)

Sci - Min/Met
Aug 58

71,728

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Model Experiments on the Change of Direction of Flow in the Port-End of a Cold-Gas-Fired Open-Hearth Furnace, by Michael Hansen, 16 pp.

GERMAN, per. Archiv fur das Eisenhuttenwesen, Vol XXVI, No 5, 1955, pp 243-251.

SLA 60-18289

Sci

Apr 61

146,108

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Thermodynamic Analysis II. The Heat Content Curve of a Material form a Single Calorimetric Experiment, by Willy Oelsen, Karl Heinz Rieskamp, Olaf Oelsen, 48 pp.

GERMAN, per, Arch Eisenhuttenw, Vol XXVI, 1955, pp 253-266.

AEC Tr 2522

Sci - Chemistry

36,781

Jul 1956

BCIRA 910

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

Investigation of the Tendency of Soft Un-Alloyed Steels to Age by Hardness Testing at Temperatures up to 300C, by E. Houdremont, W. Wepner. 12 p.
GERMAN, per, Archiv fuer das Eisenhuettenwesen, Vol 26, No 5, 1955, pp 279-285.
SLA TT-66-10435

Sci-M&M
Jul 66

306,066

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9

The Three Component System Iron-Cobalt-Vanadium, by Werner Koester, Heinz Schmid.
GOVERNMENT USE ONLY
GERMAN, per, Arch Eisenh, Vol 26, No 6, 1955, pp 345-353.
NASA TT F-12,146

Sci-Mat
Aug 69

388,725

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730060-9